

74986-4

6/18/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

June 18, 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Jeff Tomas, President
Selective Micro Technologies, LLC
4449 Easton Way, Second Floor
Columbus, OH 43219

SUBJECT: FQPA Code 332 Alternate Brand Name per PR Notice 98-10
PRODUCT NAME: **Selectroicide 2L500**
EPA REG. NO.: **74986-4**
APPLICATION DATE: April 26, 2013
APPLICATION RECEIVED DATE: May 1, 2013

Dear Mr. Thomas:

This acknowledges receipt of your Notification application, submitted under the provisions of FIFRA section 3(c) 7(A) and PR Notice 98-10.

Pesticide Application:

Selective Micro Technologies, LLC is submitting the following Alternate Brand Name for **EPA Reg. No. 74986-4: SelectroFresh 2L500 Food Processing.**

General Comments:

Based on the review of the submitted material, the following comments apply. The Notification application is **Acceptable**. A copy of the **accepted** Notification is attached in **Regulatory File Jacket 74986-4** for future reference.

If you have questions or comments with regard to this Agency Letter, the please contact Killian Swift via email at Swift.Killian@epa.gov or by telephone at **703-308-6346**. When you are submitting information or data in response to this Agency Letter, please send a copy of this Agency Letter with your response in order to facilitate processing.

Sincerely yours,

A handwritten signature in black ink that reads "Michael L. Mendelsohn".

Michael L. Mendelsohn,
Acting EPA Product Manager 32
Regulatory Management Branch II
Antimicrobials Division 7510P



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 74986	2. EPA Product Manager Monisha Harris	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Selective Micro Technologies -Selectroicide 2L500, 74986-4	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Selective Micro Technologies 4449 Easton Way - 2nd FL Columbus, OH 43219 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Selective Micro would like to submit an alternative brand name (ANB) to product Selectroicide 2L500, 74986-4. The ANB will be 'SelectroFresh 2L500 Food Processing'. This notification is consistent with PR Notice 98-10 and CFR 152.46 (please see enclosed letter of explanation).

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Jeff Thomas	Title CEO	Telephone No. (Include Area Code) 614.934.1239
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title CEO	
4. Typed Name Jeff Thomas	5. Date Apr 26, 2013	

SelectroFresh™

2L500
FOOD PROCESSING

SANITIZER/BACTERICIDE/FUNGICIDE/VIRUCIDE/DEODORIZER

[PRODUCES TWO LITERS OF 500 PPM CHLORINE DIOXIDE SOLUTION WHEN ACTIVATED]

When used as directed, this chlorine dioxide-generating product is proven effective as: a **sanitizer** against E. coli (and E. coli O157:H7), S. aureus, Salmonella typhimurium (MDRS), Klebsiella pneumonia, and Listeria monocytogenes;

a **bactericide** against Erwinia chrysanthemi, a **fungicide** against Penicillium digitatum, Botrytis Sp, and Fusarium solani,

a **virucide** against Norovirus (feline calici used as testing surrogate). See Technical Bulletin (page 3) for ATCC designation numbers of the above-listed organisms.

⚠ PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: DRY INGREDIENTS: CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND CAUSES SKIN BURNS. HARMFUL IF SWALLOWED. WEAR PROTECTIVE EYEWEAR (GOGGLES, FACE SHIELD OR SAFETY GLASSES) WHEN HANDLING DRY INGREDIENTS. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING OR USING TOBACCO. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. ACTIVATED SOLUTION: CAUSES MODERATE EYE IRRITATION. AVOID CONTACT WITH EYES, SKIN, OR CLOTHING. AVOID BREATHING VAPORS. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, CHEWING GUM OR USING TOBACCO.

PHYSICAL OR CHEMICAL HAZARDS

DRY SODIUM CHLORITE IS INCOMPATIBLE WITH ACIDS, REDUCING AGENTS, COMBUSTIBLE MATERIALS, SULFUR-CONTAINING RUBBER, SOLVENTS AND PAINTS. KEEP ACTIVATED SOLUTION FROM LIGHT AND HEAT. CHLORINE DIOXIDE GAS MAY CONCENTRATE IN OPEN SPACE OF POUCH. ALWAYS OPEN ACTIVATED POUCH, AND DILUTE ACTIVATED SOLUTION, IN WELL-VENTILATED AREA. NOTE: For use in the institutional or commercial applications discussed below and in the accompanying Technical Bulletin. Not for use in households or where young children may be present. Cap is not child-resistant.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE AND DISPOSAL. STORE IN COOL, DRY, VENTILATED AREA. STORE BELOW 50° C (122° F). KEEP PRODUCT OUT OF DIRECT SUNLIGHT. STORE SEPARATELY FROM WATER AND ACIDS. IF PACKAGE RUPTURES AND CONTENTS SPILL, DO NOT PERMIT CONTACT OF CONTENTS WITH ORGANIC MATERIALS (FOR EXAMPLE: CLOTHING OR COMBUSTIBLE MATERIALS) OR ACIDS. PESTICIDE WASTES ARE TOXIC. IMPROPER DISPOSAL OF EXCESS DRY PESTICIDE IS A VIOLATION OF FEDERAL LAW. IF THIS PRODUCT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS, CONTACT YOUR STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE. NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. COMPLETELY EMPTY ACTIVATED SOLUTION IN POUCH INTO APPLICATION EQUIPMENT. OFFER FOR RECYCLING, IF AVAILABLE, OR DISPOSE OF EMPTY POUCH IN A SANITARY LANDFILL OR BY INCINERATION, OR, IF ALLOWED BY STATE AND LOCAL AUTHORITIES, BY BURNING. IF BURNED, STAY OUT OF SMOKE.

WARRANTY STATEMENT

The Company warrants the product to be free from defects in material and workmanship. THE COMPANY MAKES NO WARRANTY THAT THE GOODS SHALL BE MERCHANTABLE. THE COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, EXCEPT SUCH AS IS EXPRESSLY SET FORTH HEREIN. The Company shall not be liable for any incidental or consequential damages for any breach of warranty. The Company's liability for any breach of warranty shall be limited to the purchase price of the product.

FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice. Get medical attention.

Have the product container or label with you when calling a poison control center, doctor, or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Registration No. 74986-4

EPA Establishment No. 071441-OH-004

KEEP OUT OF REACH OF CHILDREN DANGER

Active Ingredient:

Sodium Chlorite.....	30.5%
Other Ingredients.....	69.5%
Total.....	100.0%

Amount of Chlorine Dioxide generated = 0.05%
Net Weight of contents.....0.44 ounces (12.34 grams)



DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH THE LABELING. READ THE ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND USE DIRECTIONS.

FOR POUCH SIZE OF .44 OUNCES (12.34 GRAMS) USE:

1. Fill the pouch with tap water (2 liters) to generate the chlorine dioxide solution.
2. Wait at least 2 hours before use to ensure the solution reaches full strength to reach 500 PPM.
3. Shake gently before use. Direct spout away from face when opening, work in well-ventilated area, and avoid inhaling fumes. Wear protective gloves if hands will come in contact with activated solution during dilution or application.
4. See Technical Bulletin for recommendations regarding dilutions and contact times for specific applications. Before use, verify concentration using Selective Micro® Chlorine Dioxide Test Strips to ensure appropriate concentration (see Technical Bulletin for directions if Test Strips indicate lower-than-desired concentration).
5. Activate prior to expiration date stamped on pouch. If solution in pouch will not be used up within 48 hours of activation, transfer unused solution to a dark, oxidation-resistant closed or sealed container; store dilutions of solution in a sealed container of the same type (see Tech Bulletin for container details). Store original or diluted solutions in cool place out of direct sunlight (do not store in refrigerator dedicated to food storage). Record activation date and concentration on stick-on label shipped with pouches, and affix to pouch or storage container. Test solution and/or subsequent dilutions using colorimetric test strips to ensure accurate ppm concentration before use.



FOR POUCH SIZE OF .44 OUNCES (12.34 GRAMS) USE THE FOLLOWING GENERAL DILUTIONS AND TABLE:

When used as directed, on hard, non-porous surfaces (e.g., stainless steel, brass, glass, vinyl, PVC, polypropylene), this product is an effective sanitizer, virucide, fungicide, algacide, general-purpose antimicrobial and cleaner for use in a wide range of applications. Heavily soiled surfaces must be pre-cleaned prior to treatment. Apply by mop, sponge, or sprayer, ensuring visible wetness for times specified for these applications, or apply through immersion or clean-in-place application. Wear a NIOSH/MHSA-approved respirator appropriate for chlorine dioxide when using a high-pressure sprayer and under other circumstances detailed in the Technical Bulletin.

GENERAL DILUTION INSTRUCTIONS:

All dilutions begin with a stock solution at a nominal concentration of 500 ppm, except when the product is activated directly to the application concentration (see technical bulletin). Except where otherwise directed, or for other use concentrations (see technical bulletin), use the following dilution instructions to achieve the use concentration indicated:

To Achieve Use Concentration of:	Use Dilution Device or Sprayer With a Dilution Ratio of:
100 ppm	1:5 (one part 500 ppm solution to 4 parts water)
50 ppm	1:10 (one part 500 ppm solution to 9 parts water)
20 ppm	1:25 (one part 500 ppm solution to 24 parts water)
5 ppm	1:100 (one part 500 ppm solution to 99 parts water)
0.25 ppm	1:2,000 (one part 500 ppm solution to 1,999 parts water)

SANITIZER FOR HARD, NON-POROUS, FOOD-CONTACT SURFACES. Effective food contact surface sanitizer at 5 ppm against E. coli O157:H7, Salmonella typhimurium (MDRS), and Staphylococcus aureus with an exposure time of 1 minute. Product may be used on previously cleaned food preparation surfaces; fountain drink and beverage dispensers; glassware, plates and eating utensils; food processing equipment, including beer processing equipment and lines, and food conveyor belts. Dilute to 5 ppm as table above specifies. See Technical Bulletin for alternative dilution instructions and application specifics.

SANITIZER FOR HARD, NON-POROUS, NON-FOOD-CONTACT SURFACES.

Effective non-food contact surface sanitizer at 20 ppm against Staphylococcus aureus, Klebsiella pneumonia and Listeria monocytogenes with an exposure time of 5 minutes. Product may be used on non-food contact surfaces, including floors, walls, furnishings, and equipment. Dilute to 20 ppm as table above specifies. See Technical Bulletin for alternative dilution instructions and application specifics.

FRUIT AND VEGETABLE WASH TO EXTEND FRESHNESS AND SHELF-LIFE.

This product may be used at 5 ppm for 1 minute to reduce spoilage microorganisms on raw agricultural commodities (RACs) in food processing facilities. Spray or dip RACs, and follow with a potable water rinse or by canning, blanching, or cooking. Dilute to 5 ppm as table above specifies. See Technical Bulletin for detailed directions and other dilution and application specifics.

GENERAL DISINFECTANT, SANITIZER, ALGAECIDE AND FUNGICIDE FOR HORTICULTURAL AND GREENHOUSE APPLICATIONS:

For horticultural applications, this product may be used to disinfect (100 ppm/10 minutes or 50 ppm/20 minutes) and sanitize (20 ppm/5 minutes) hard, non-porous surfaces; to treat, control, and prevent fungi (5 ppm/1 hour) (Penicillium digitatum, Botrytis Sp, Fusarium solani & oxysporum f. sp. Basilicum (Fob), and Pythium irregularare & aphanidermatum), bacteria (Erwinia chrysanthemi), algae (Phormidium boneri), attendant slimes, rusts, leaf spot and mildews; and to remove slimes (50 ppm/12 hours-overnight) & inhibit reemergence (0.25 ppm/continuous treatment) in irrigation and other non-potable water systems. Concentrations and contact times are application-specific; dilute to use concentrations as table above specifies. See Technical Bulletin for detailed directions and other dilution and application specifics.

DISINFECTANT OR VIRUCIDE* FOR HARD, NON-POROUS SURFACES:

Product may be used at 100 ppm with an exposure time of 10 minutes to disinfect hard surfaces in medical facilities or veterinary clinics that may be contaminated with Feline Calicivirus. This product may be used as a disinfectant or virucide on general environmental surfaces. Dilute to 100 ppm as table above specifies. See Technical Bulletin for detailed directions and other dilution and application specifics.